

[AstraZeneca reference D 1920-1WO]

CLAIMS:

Del 7
1. A blister pack element for a powder inhaler comprising a body which includes first and second surfaces which are substantially parallel to each other, the first and second surfaces having a plurality of blisters (21,22) containing medicament, wherein the blisters in the first and second surfaces are arranged in rows running parallel to the longitudinal axis of the blister pack element and the blisters in each row in the first surface are configured to sit between the blisters in a co-operating row in the second surface, the blisters in the first and second surfaces being rotationally symmetrically disposed about the longitudinal axis of the blister pack element.

2. A blister pack element for a powder inhaler as claimed in Claim 1, wherein the blisters in one row of a surface are off-set/staggered with respect to the blisters in an adjacent row of that surface.

6 3. A blister pack element as claimed in Claim 1 or Claim 2, wherein the blisters (21,22) in the first and second surfaces are configured such that the blisters (21) in the first surface are disposed in one or both of spaces between and adjacent the blisters (22) in the second surface.

claim 1
6 4. A blister pack element as claimed in ~~any of Claims 1 to 3~~, wherein the plurality of surfaces are defined by separate elements (11,12).

claim 1
6 5. A blister pack element as claimed in ~~any of Claims 1 to 3~~, wherein the plurality of surfaces are defined by a single element.

a 6. A blister pack unit (5) comprising the blister pack element in ^{claim 1} ~~any of~~
~~Claims 1 to 5~~, and a support member (10) which supports the plurality of surfaces.

7. A blister pack unit (5) as claimed in Claim 6, wherein the support member (10) comprises a frame (13).

a ^{claim 6} 8. A blister pack assembly (3) comprising the blister pack unit (5) of ~~Claims 6 or Claim 7~~ and a suction tube (7) which includes a cutting assembly (64) which is configured for insertion into a respective one of the blisters (21,22) and an inhalation channel (71) through which powder is in use inhaled.

9. The blister pack assembly (3) of Claim 8, wherein the body includes a clip (14) for holding the suction tube (7) when not in use.

a 10. The blister pack assembly of Claim 8 ~~or Claim 9~~, further comprising an interconnecting member (9) for connecting the suction tube (7) to the blister pack unit (5) so as to prevent the suction tube (7) from being separated from the blister pack unit (5).

11. The blister pack assembly of Claim 10, wherein the interconnecting member (9) includes a line (76).

a 12. The blister pack assembly of Claim 10 ~~or 11~~, wherein the body of the blister pack unit (5) includes a track and the interconnecting member (9) includes an element (79) which is captively disposed within the track and moveable between the first and second positions.

13. The blister pack assembly of Claim 12, wherein the track is configured such that with the element (76) of the interconnecting member (9) in one of the first

and second positions the interconnecting member (9) is disposed substantially within the track.

a 14. A powder inhaler comprising the blister pack unit (5) of Claim 6 or
a Claim 7.

a 15. A powder inhaler comprising the blister pack assembly (3) of ^{claim 8} ~~any of~~
a ~~Claims 8 to 13.~~

16. The powder inhaler of Claim 15, further comprising a support unit (1) for supporting the blister pack assembly (3), which support unit (1) includes a plurality of openings (87) for guiding the suction tube (7) into respective blisters (21,22) in the one of the plurality of surfaces adjacent thereto.

17. The powder inhaler of Claim 16, wherein the support unit (1) comprises a housing (81) in which the body of the blister pack unit (5) is removably received, with at least one wall (85) of the housing (81) including the openings (87).

18. The powder Inhaler of Claim 17, wherein the support unit (1) further comprises a cover member (84) which is hingeably mounted to the housing (81) and encloses the suction tube (7) and the openings (87) when closed.